Calvin

Features

- Provides excellent coverage and uniformity, suitable for general and localized lighting
- Available in sizes of 12", 14", 16", 18", 20", 22" and 24" in diameter
- Practical options for application and design flexibility
- Surge protection for internal components
- Quality components combined with the most current technology for high efficiency and reduced lighting costs

Applications

The Calvin pendant is ideal for illuminating spaces where the quality of light, subtle style and economy are important. It lends itself to many commercial applications, from hospitality to agricultural.

Wall, and pole-mounted models are also available.

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Construction

High grade spun aluminum, brushed solid copper, or brushed 316L stainless steel, with stainless steel mounting hardware, for indoor and outdoor applications.

Lamp

Operates with integrated LED and incandescent sources. Specify 3000K, 3500K, or 4000K CCT for LED systems. A dimmable 17W LED screw in lamp is also available (120V, PAR 38, CCT 4000K, E26 base).

Note: LED systems use 120-277V supply voltage, and are not compatible with 347V.

Incandescent and the 17W LED PAR 38 lamp, use a medium base socket (E26).

LED Driver

The LED source is controlled by an advanced driver to deliver consistent power.

Diffuser

Globe: clear and prismatic glass globes are available for greater diffusion and lamp protection.

Globe with Cast Guard: the combination is available for greater diffusion and more robust lamp protection.

Note: G1, G3, G11 and G11P are used with 100IN, and 15LED.

Globes are not available with the 17W LED PAR 38 lamps.

Option

Wire Guard: a steel, chrome-plated wire guard is available for lamp protection against light projectiles.

Surge Supressor

All 120V, 277V, and universal voltage fixtures are equipped with a 6kV surge suppressor.

Dimming

The LED dimming option is the 0-10V,current-sinking type.

Note: Use a current-sinking dimming system (by others) for LED dimming.

Compatibility of this product is not guaranteed with all control systems.

Dimming is not available with 347V systems.

Emergency

For LED systems, integral and remote mount emergency back-ups are available, in either the standard temperature or cold temperature type.

The test switch and indicator light would be remote.

Note: The emergency option is not available with the 17W LED PAR 38 lamp.

Finish

Select from specialty brushed, plated, and powder-coated finishes; see the "Finishes and Diffusers" chart. Custom and RAL finishes are available by special order.

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Note: A clear coat is applied to copper, yet patina will form over a period.

Mounting

Mount to a ceiling, directly to a standard 4" electrical junction box. Calvin is available with either a stem mount (1/2" NPT std., IP23, indoor/outdoor), or the drop cord/aircraft cable mount (10 ft. / 3.048 m max., IP20, indoor).

Follow the installation instructions, and adhere to your local electrical code.

Mounting Accessories

Aircraft Cable: for drop cord mounting, the steel cable provides additional support.

Ceiling Slope Adapter: for stem mounting, keeps the pendant hanging vertically, correcting up to a 20° slope.

Note: The aircraft cable or ceiling slope adapter may be required to comply with the local seismic/earthquake code.

Compliances

Rated IP20, for indoor locations, with the drop cord/aircraft cable mount; or IP23, for indoor and outdoor locations, with the stem mount. QPS-C/US certified to UL1598 standards. Consult the factory for the Consultants Europe (CE) certification.

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TMSLIGHTING

ESTABLISHED 1923

CAL __ - __ - __ - __ - __ - __ - __ - __ - __ - __ - __ - __

   1   2   3   4   5   6   7   8   9   10   11   12

Project: _____
Type: _____
Quantity: _____

Notes:

Note: Some options may not be compatible with others. To ensure compatibility between options, please visit tmslighting.com, on the "details" page of this luminaire, and use the configuration tool.
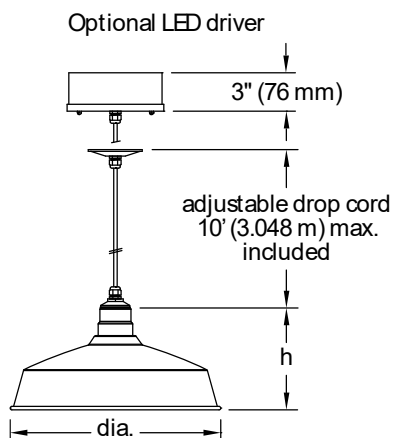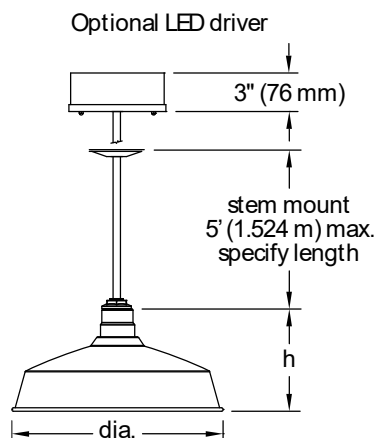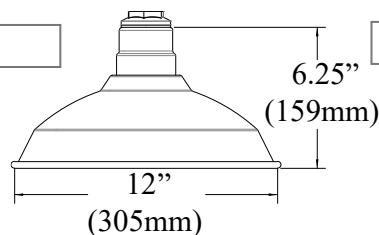
1 • Location

I: Indoor
O: Outdoor

2 • Size

12: 12" (305 mm) dia.
14: 14" (356 mm) dia.
16: 16" (406 mm) dia.
18: 18" (458 mm) dia.
20: 20" (508 mm) dia.
22: 22" (559 mm) dia.
24: 24" (610 mm) dia.

3 • Lamping

100IN: 100W Incandescent
17LED: 17W LED (supplied)
15LED: 15W LED
19LED: 19W LED (14" and 16" dia.)
32LED: 32W LED (18" and larger)

4 • Mounting

CRD: Drop cord 120"
C__: Stem mount 1", 6", 12", 18", 24", 36", 48" or 60"

5 • LED CCT (color temp.)

30K: 3000K (CRI 80)
35K: 3500K (CRI 80)
40K: 4000K (CRI 80)

6 • Voltage

120: 120V
277: 277V
347: 347V

7 • Finish

Specialty
BR: Brushed aluminum
CO: Solid copper (brushed; stem mount would be black)
    Incompatible with 18"+ dia.
SS: Stainless steel (brushed 316L; stem mount would be silver metallic)
    Incompatible with 18"+ dia.

Plated
AN: Anodized (bright)
GA: Galvanized (rough; stem mount would be flat silver)

Powder-coated
F05: White
F06: Clay brown
F08: Midnight blue
F09: Pewter
F10: Fire red
F13: Forest green
F14: Sunshine yellow
F15: Matte black
F16: Gloss black
F19: Mirror silver
F21: Architectural bronze
RAL: RAL custom color (specify)
These are some popular finishes. For the complete collage, please see the "Finishes

8 • Globes

—: None
G1: Clear, elongated globe
G3: Prismatic, elongated globe
G11: Clear, elongated globe with cast guard
G11P: Prismatic, elongated globe with cast guard
Note: Globes are not available with the 17W LED PAR 38 lamps.
G1, G3, G11 and G11P are used with 100IN, and 15LED.

9 • Dimming

—: None
DIML: LED dimming (0-10V; current-sinking)
Note: Use a current-sinking dimming system (by others) for LED dimming.
Not available with 347V systems.
Compatibility is not guaranteed with all control systems.

10 • Emergency

—: None
EM: Integral LED (min. operating temp. +5ºC/+40ºF)
EMC: Integral LED cold pack (min. operating temp. -20ºC/-4ºF)
EMR: Remote LED (20 ft. / 6.096 m max. distance from EM to lamp; min. operating temp. +5ºC/+40ºF, dry location mounting)
EMCR: Remote LED cold pack (20 ft. / 6.096 m max. distance from EM to lamp; min. operation temp. -20ºC/-4ºF)

11• Mounting Accessories

—: None
BL: Ceiling slope adapter for stem mount (20° slope max.)
ACC: Aircraft cable for drop cords (10 ft. / 3.048 m length)
Note: ACC or BL may be required to comply with the local seismic/earthquake code.

12 • Wire Guard

—: None
W12: 12" Wire guard   W18: 18" Wire guard   W24: 24" Wire guard
W14: 14" Wire guard   W20: 20" Wire guard
W16: 16" Wire guard   W22: 22" Wire guard

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Drop Cord Mount

Optional LED driver

3" (76 mm)

adjustable drop cord
10' (3.048 m) max.
included

h

dia.

Stem Mount

Optional LED driver

3" (76 mm)

stem mount
5' (1.524 m) max.
specify length

h

dia.

CAL-I/O-12

6.25"
(159mm)

12"
(305mm)

CAL-I/O-14

7"
(178mm)

14"
(356mm)

CAL-I/O-16

8"
(203mm)

16"
(406mm)

CAL-I/O-18

9.5"
(241mm)

18"
(457mm)

CAL-I/O-20

10"
(254mm)

20"
(508mm)

CAL-I/O-22

11.3"
(287mm)

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22"
(559mm)

CAL-I/O-24

12.5"
(318mm)

24"
(610mm)
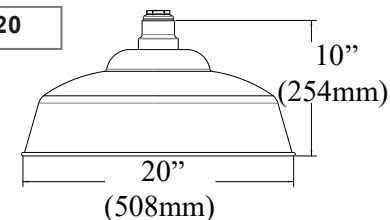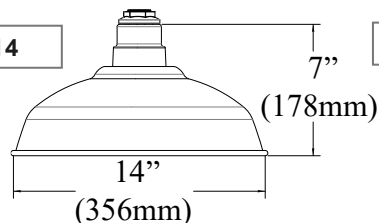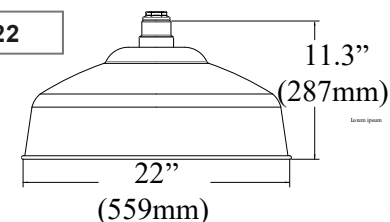
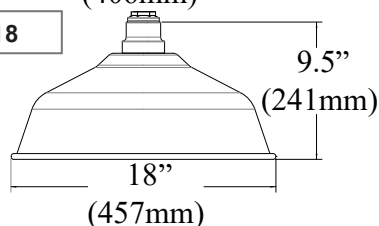## Custom

TMS Lighting can customize this and many of our standard fixtures. The dimensions, lamp types, enclosure and colors could be modified to suit your lighting and architectural requirements. Contact your local representative for more details: http://tmslighting.com/info/agents

Specifications are subject to change without notice.